

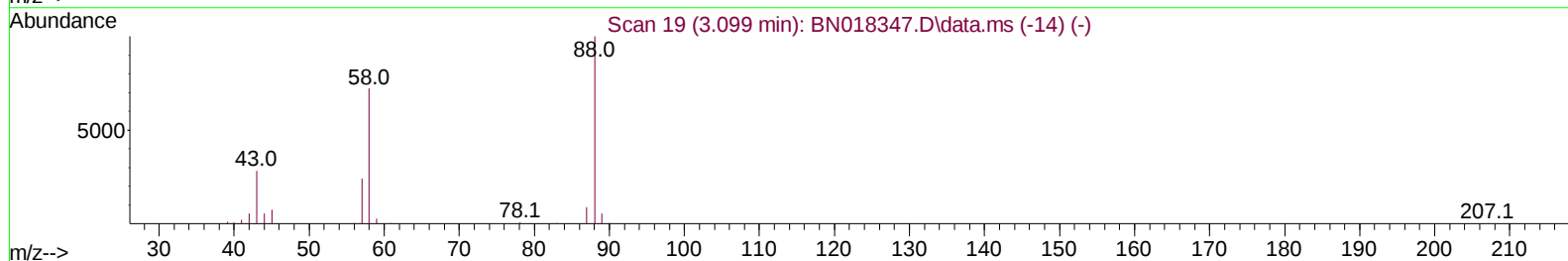
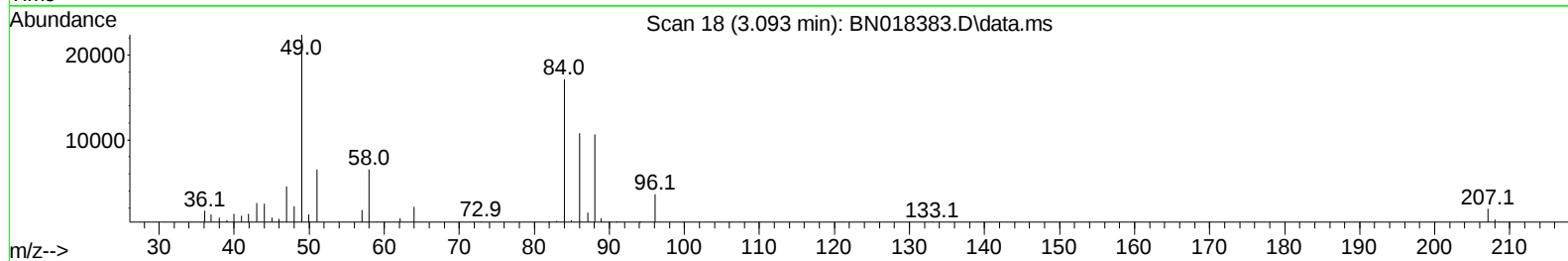
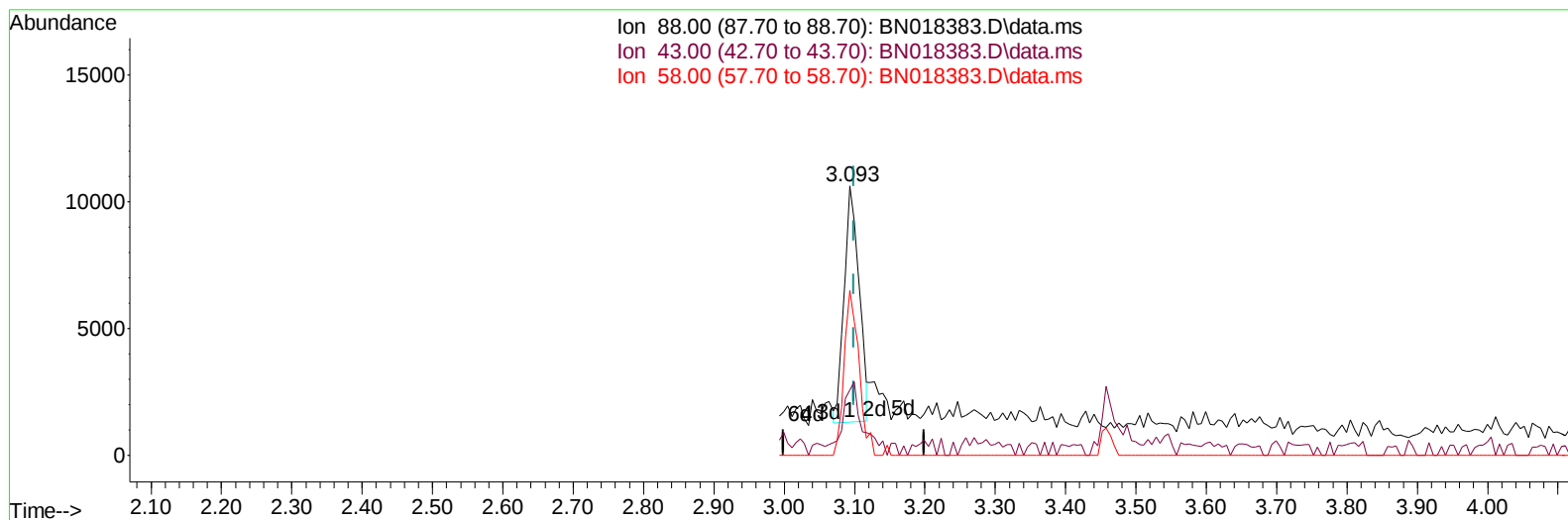
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011122\
 Data File : BN018383.D
 Acq On : 11 Jan 2022 13:53
 Operator : CG/JU
 Sample : M3263-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/12/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 11 14:22:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration



TIC: BN018383.D\data.ms

(2) 1,4-Dioxane

3.093min (-0.006) 1.06 ng/uL

response 13640

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.40	24.16
58.00	70.40	61.31
0.00	0.00	0.00

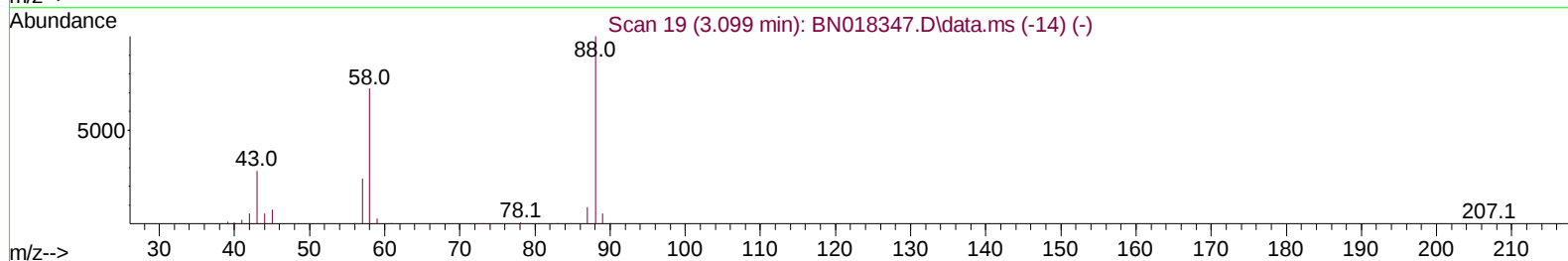
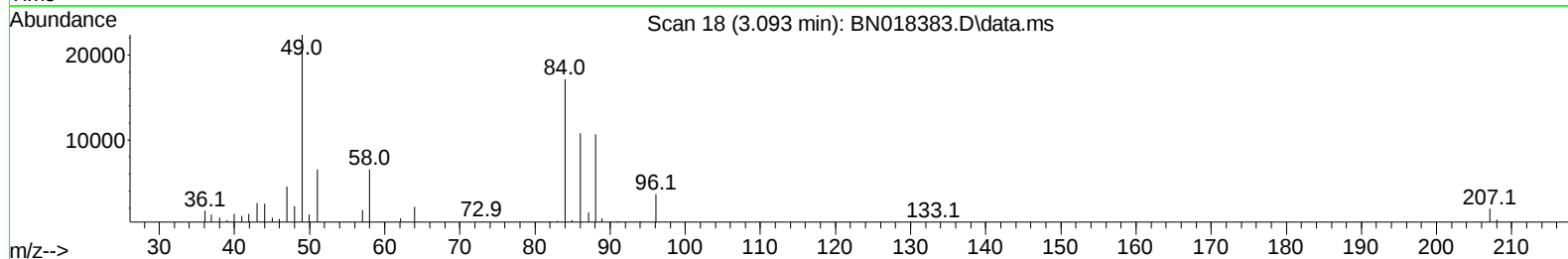
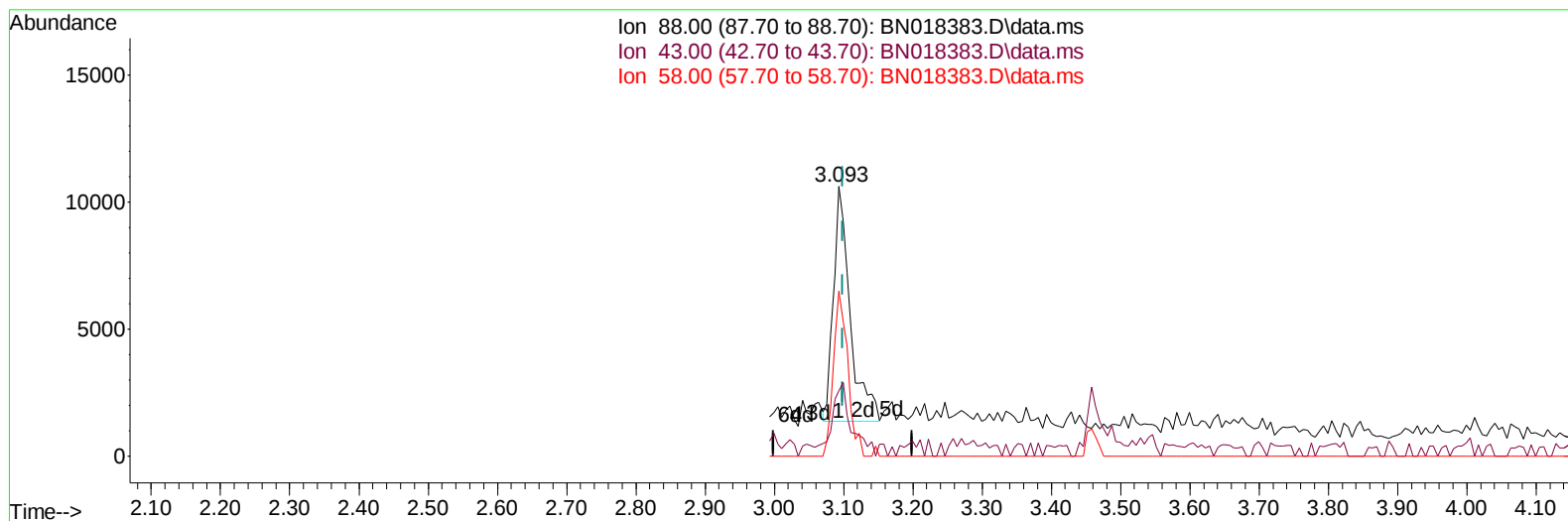
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 01/12/2022
 Supervised By :mohammad ahmed 01/18/2022



TIC: BN018383.D\data.ms

(2) 1,4-Dioxane

3.093min (-0.006) 1.21 ng/uL m

response 15539

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.40	24.16
58.00	70.40	61.31
0.00	0.00	0.00

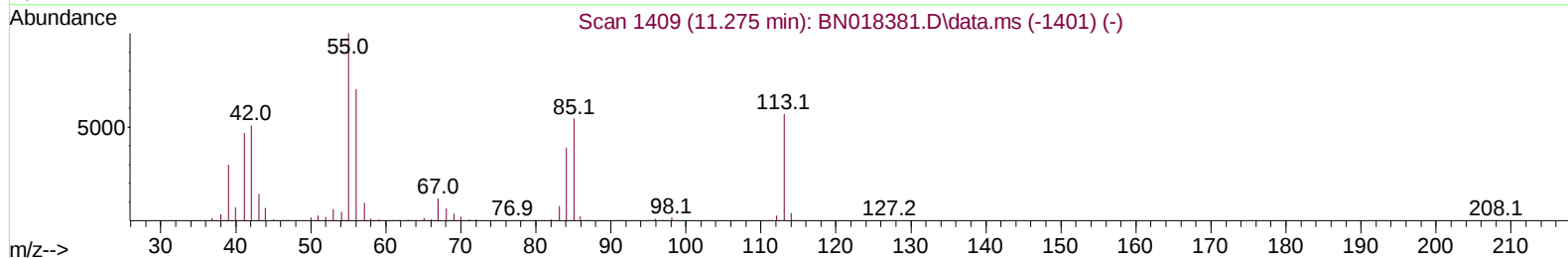
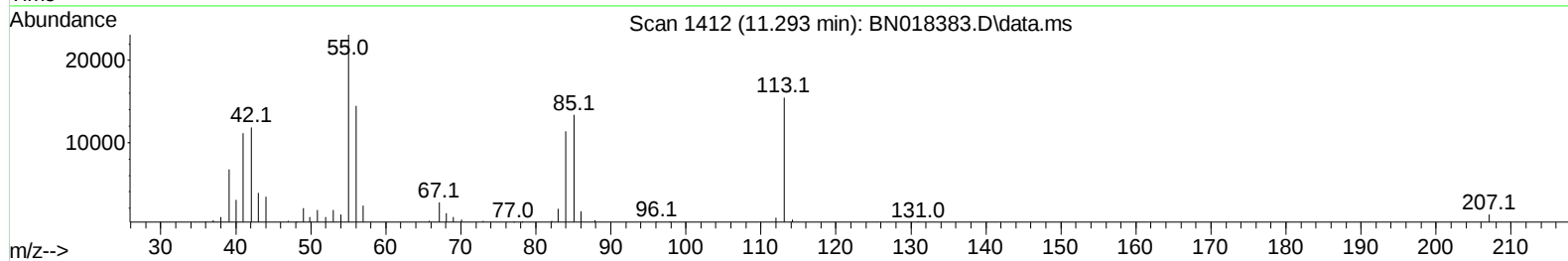
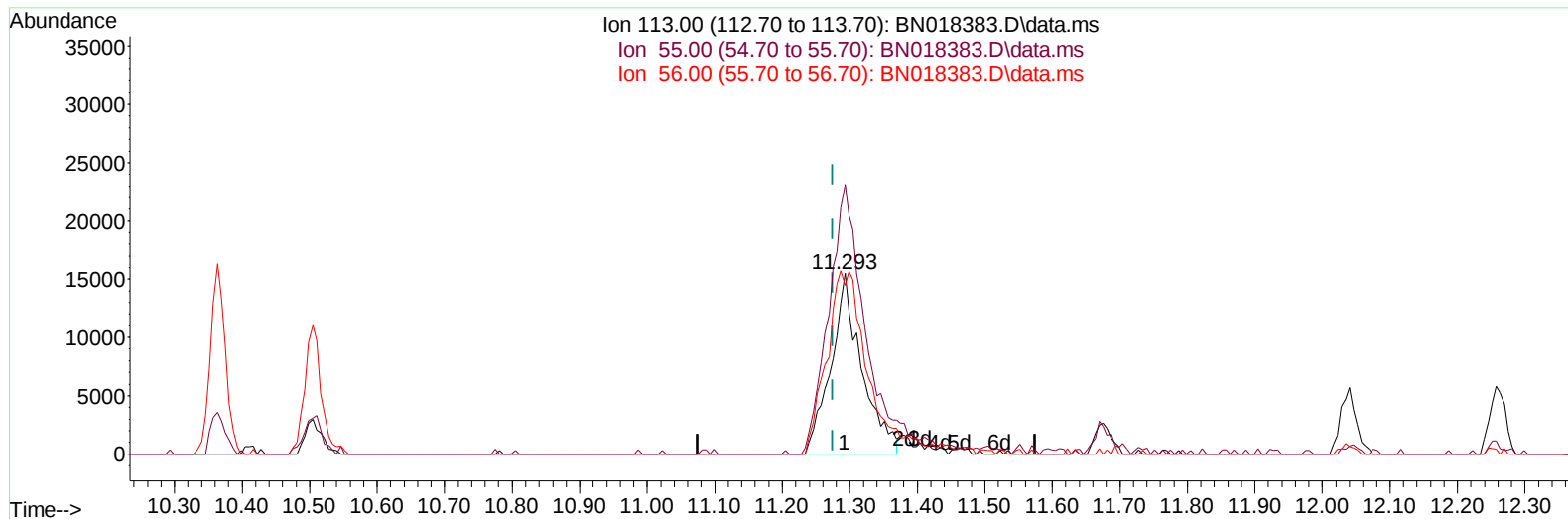
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TIC: BN018383.D\data.ms

(34) Caprolactam

11.293min (+ 0.018) 4.13 ng/ul

response 49034

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	149.27
56.00	134.50	93.30#
0.00	0.00	0.00

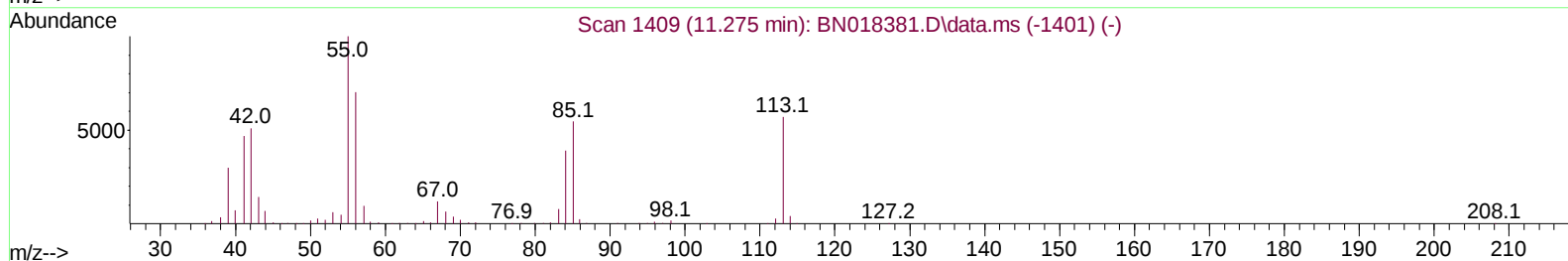
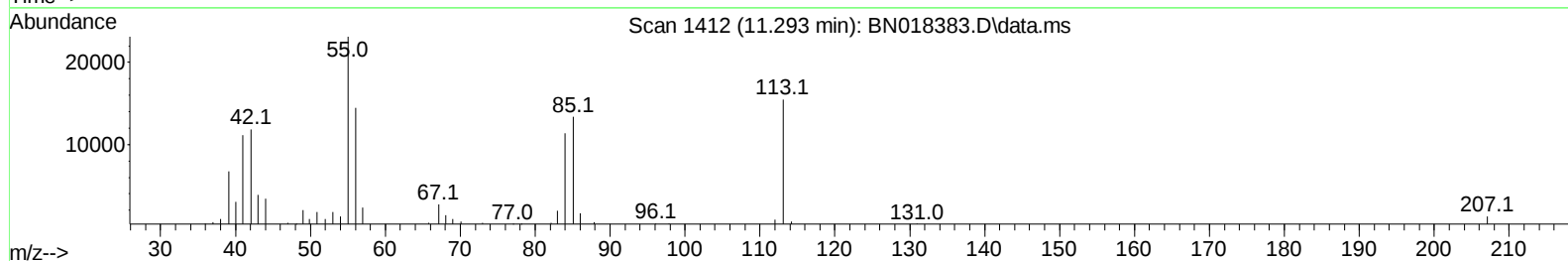
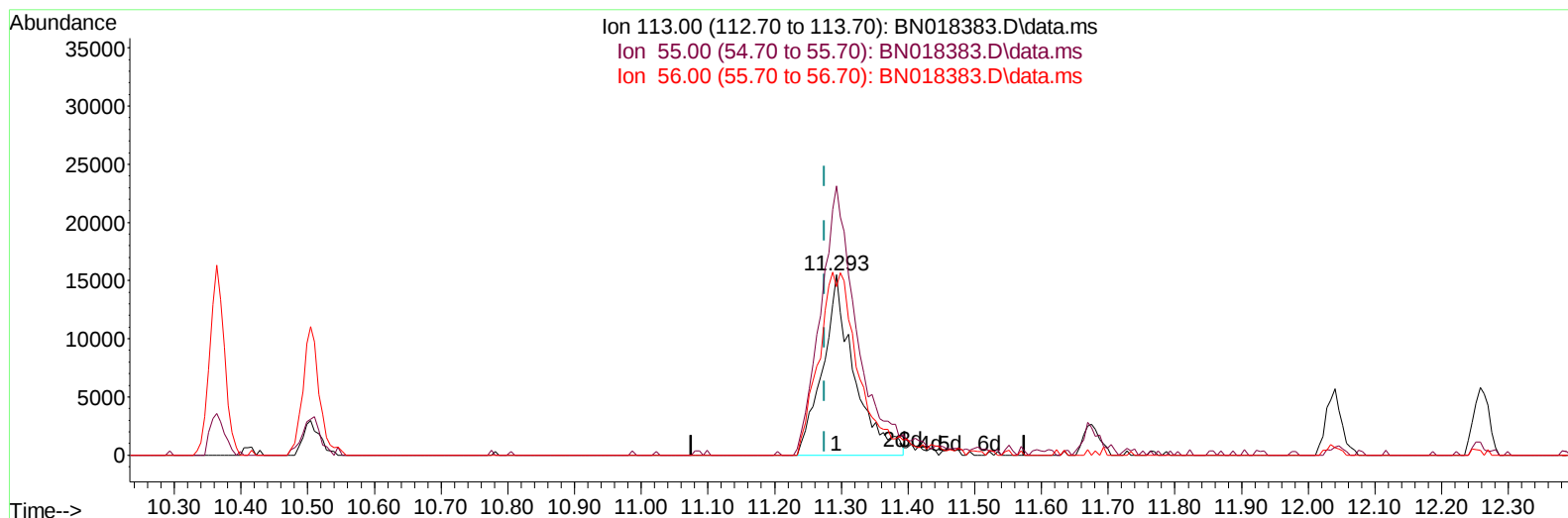
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Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 01/18/2022

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TIC: BN018383.D\data.ms

(34) Caprolactam

11.293min (+ 0.018) 4.28 ng/ul m

response 50831

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	149.27
56.00	134.50	93.30#
0.00	0.00	0.00

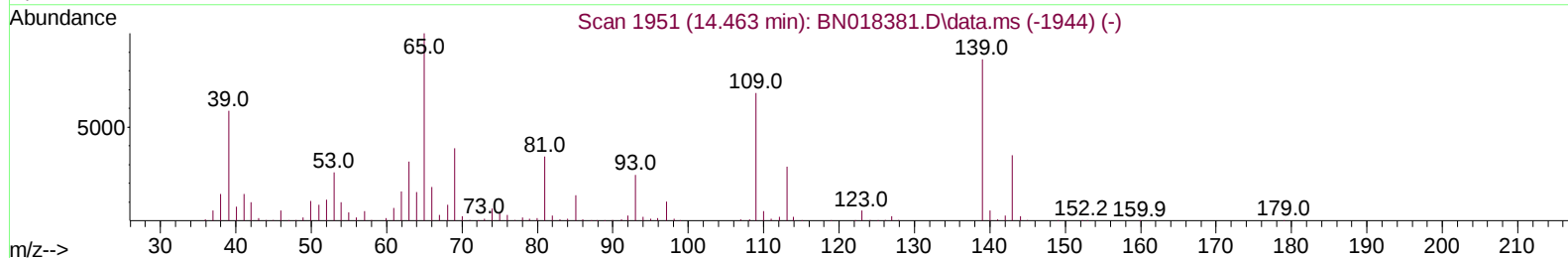
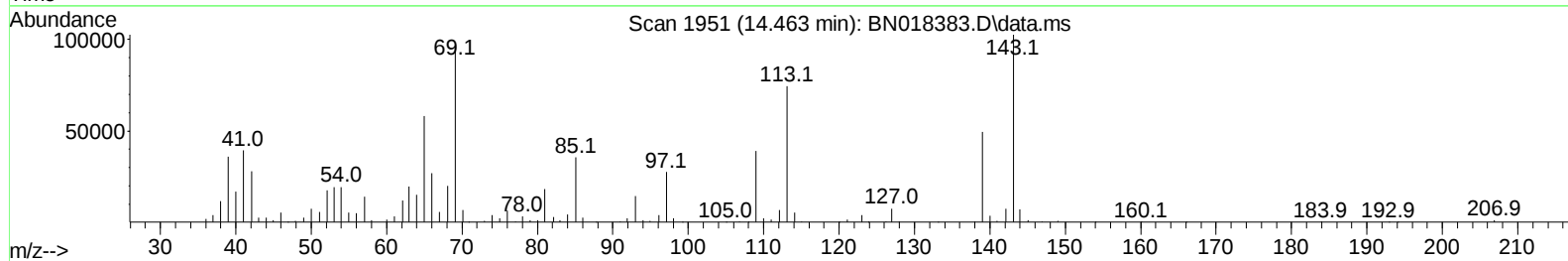
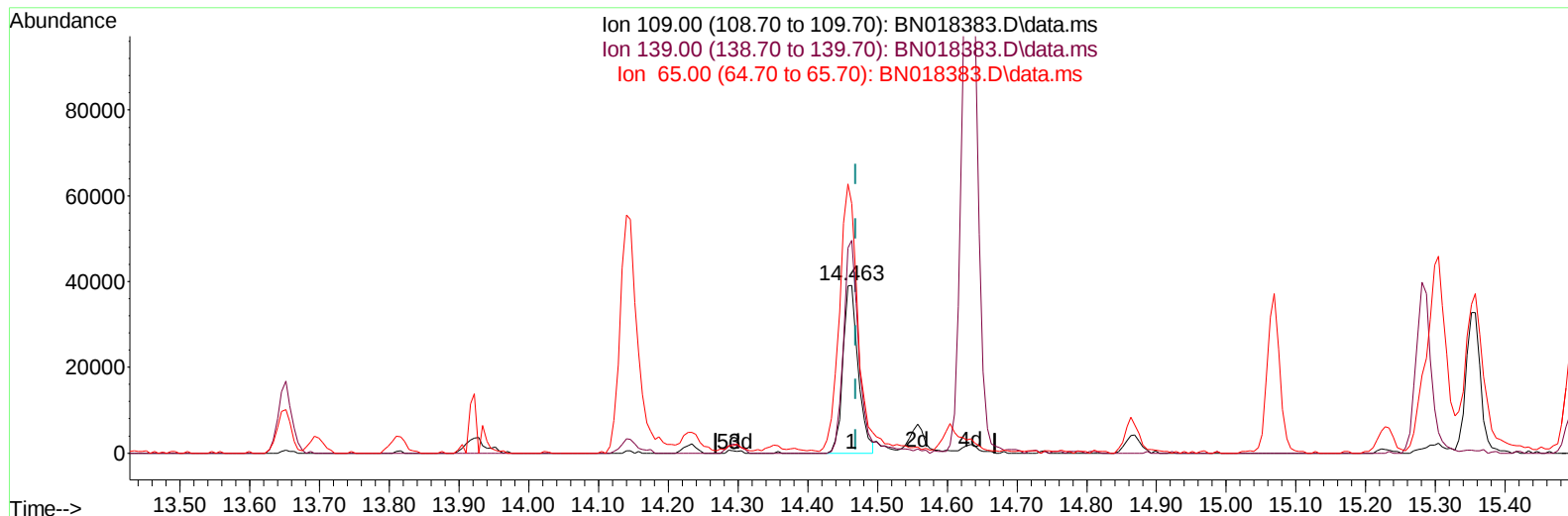
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 Data File : BN018383.D
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TIC: BN018383.D\data.ms

(55) 4-Nitrophenol

14.463min (-0.006) 3.96 ng/u1

response 59272

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	130.00	126.70
65.00	146.90	148.49
0.00	0.00	0.00

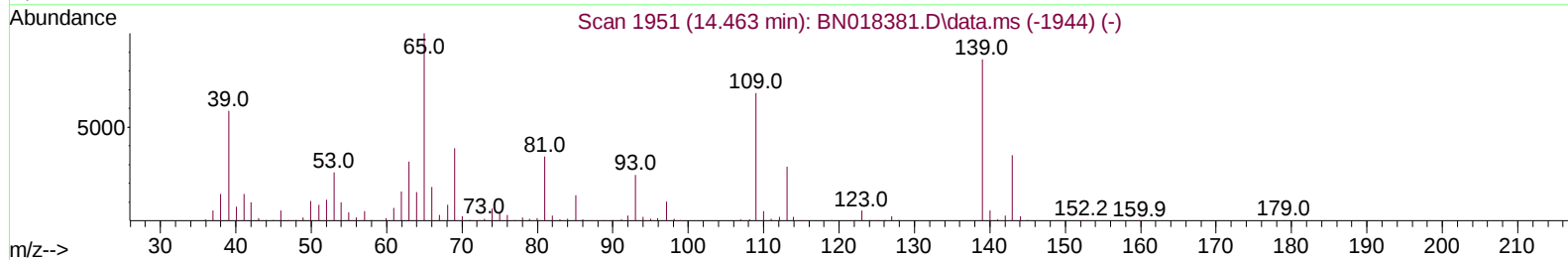
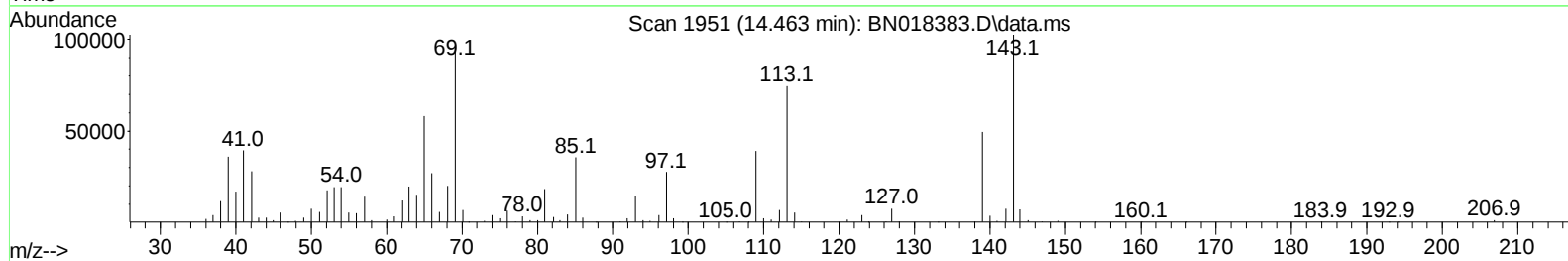
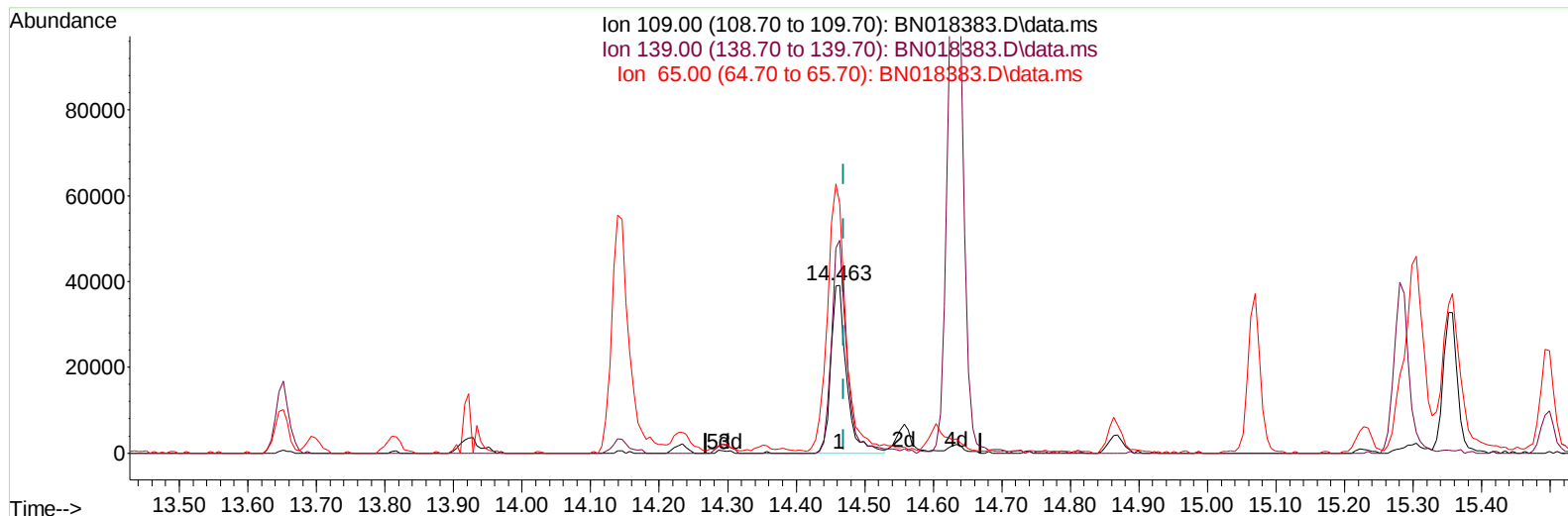
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011122\
Data File : BN018383.D
Acq On : 11 Jan 2022 13:53
Operator : CG/JU
Sample : M3263-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/12/2022
Supervised By :mohammad ahmed 01/18/2022

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration



TIC: BN018383.D\data.ms

(55) 4-Nitrophenol

14.463min (-0.006) 4.17 ng/ul m

response 62335

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	130.00	126.70
65.00	146.90	148.49
0.00	0.00	0.00

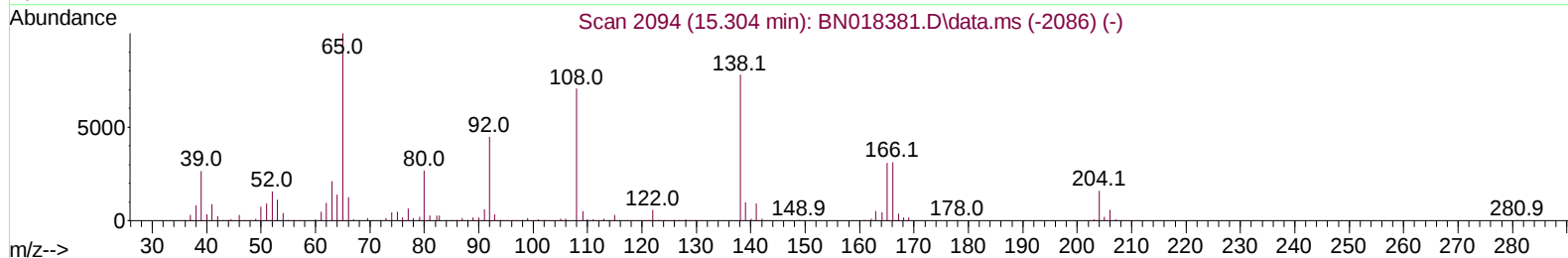
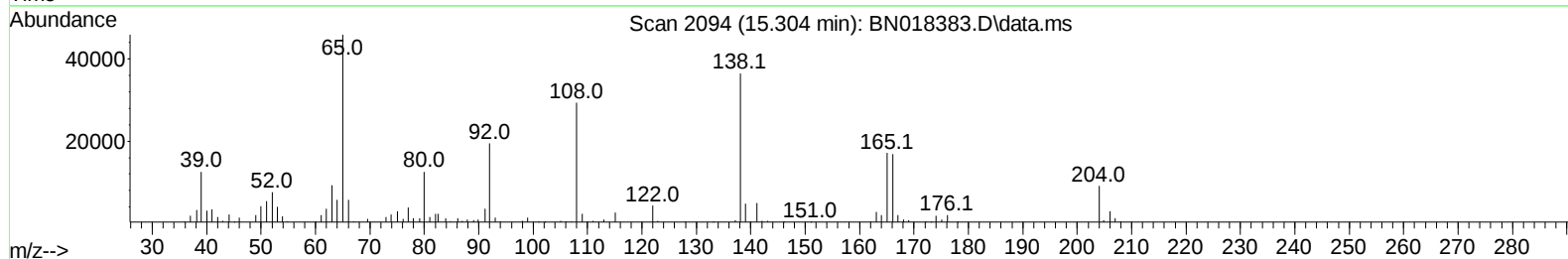
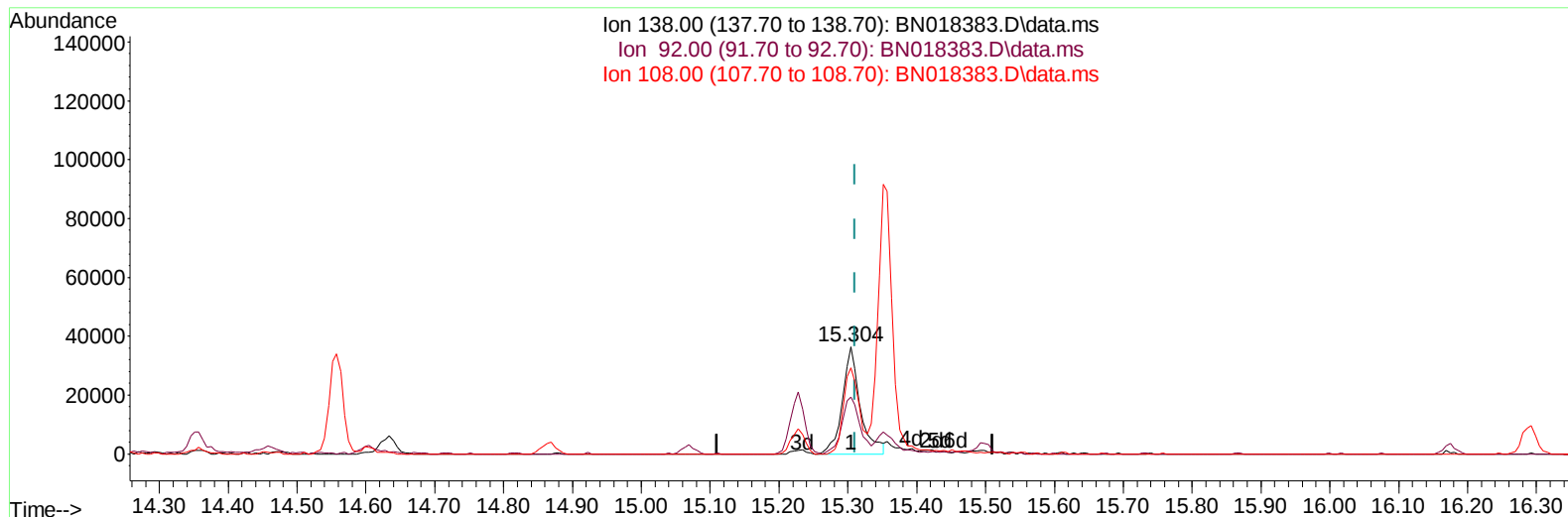
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 01/12/2022
 Supervised By :mohammad ahmed 01/18/2022



TIC: BN018383.D\data.ms

(63) 4-Nitroaniline

15.304min (-0.006) 3.71 ng/ul

response 65672

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.00	53.23
108.00	85.00	80.31
0.00	0.00	0.00

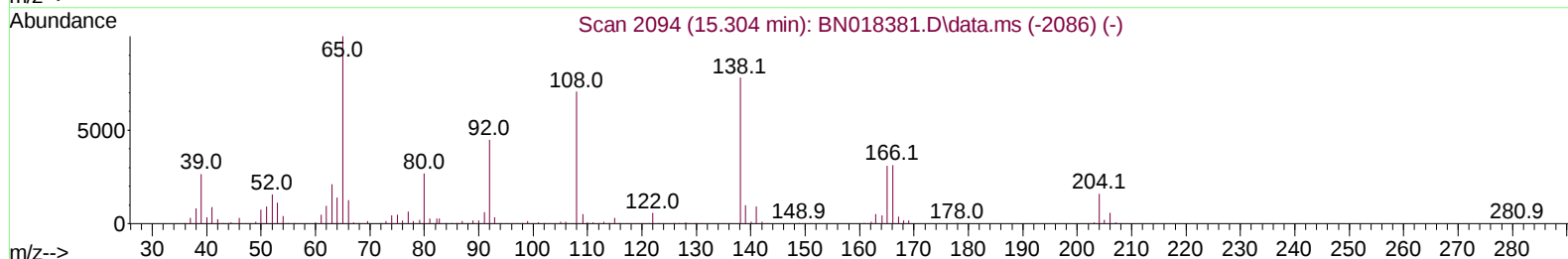
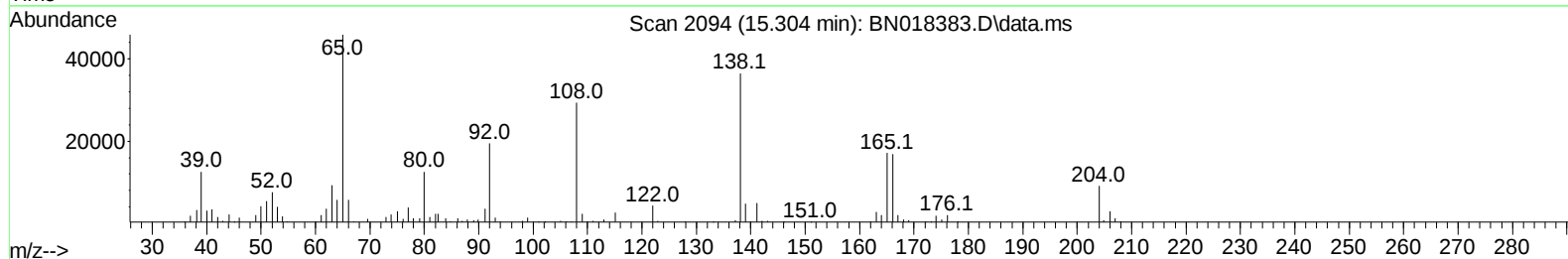
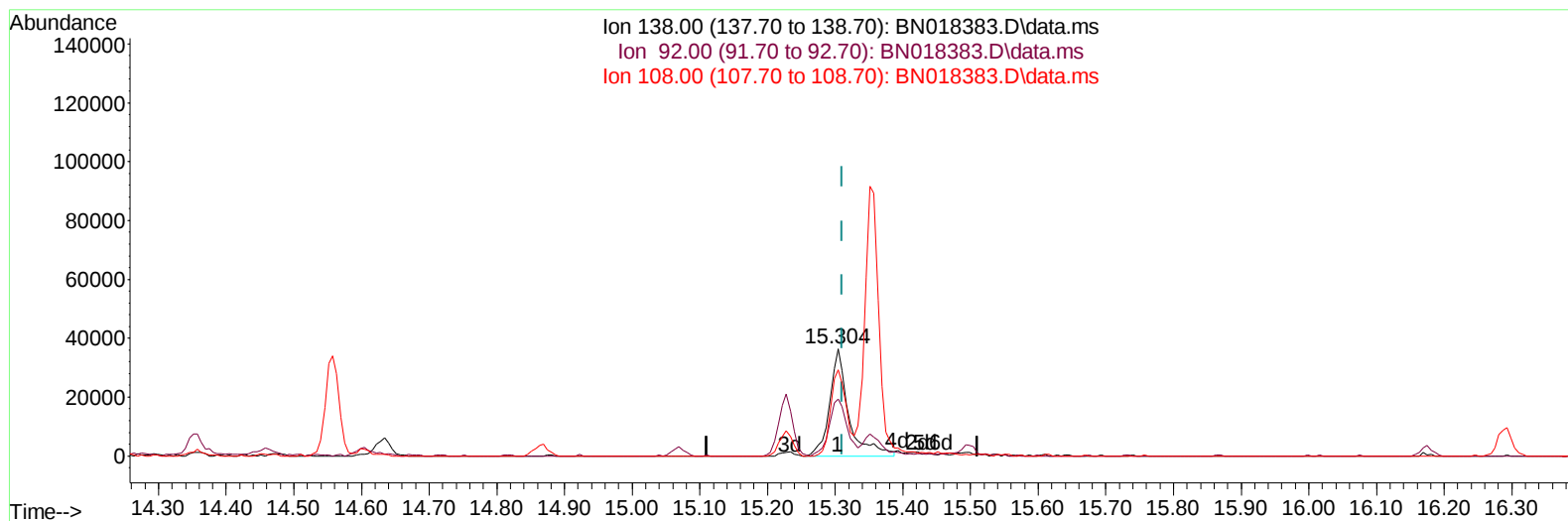
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 Acq On : 11 Jan 2022 13:53
 Operator : CG/JU
 Sample : M3263-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual IntegrationsAPPROVED

Quant Time: Jan 11 14:22:37 2022
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 Supervised By :mohammad ahmed 01/18/2022



TIC: BN018383.D\data.ms

(63) 4-Nitroaniline

15.304min (-0.006) 4.00 ng/ul m

response 70784

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.00	53.23
108.00	85.00	80.31
0.00	0.00	0.00

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 Sample : M3263-01
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	460476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.363	136	2061125	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.234	164	1263411	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.975	188	2473751	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.175	240	2369095	20.000	ng/ul	# 0.00
88) Perylene-d12	23.392	264	2438339	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	61470	5.366	ng/uL	0.00
4) Pyridine-d5	3.458	84	935067	26.084	ng/ul	0.00
7) Phenol-d5	6.769	99	1431028	31.976	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.928	67	960737	33.701	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	1116127	34.048	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	1132728	32.067	ng/ul	-0.01
21) Nitrobenzene-d5	8.734	128	534191	34.798	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.458	143	592687	36.119	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	1000696	33.566	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.505	131	1514655	33.058	ng/ul	-0.01
46) Dimethylphthalate-d6	13.652	166	3248675	35.402	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	3732692	32.177	ng/ul	0.00
54) 4-Nitrophenol-d4	14.446	143	555743	31.736	ng/ul	0.00
60) Fluorene-d10	15.228	176	2587208	33.416	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	445917	31.857	ng/ul	0.00
73) Anthracene-d10	17.075	188	3842209	33.536	ng/ul	0.00
81) Pyrene-d10	19.375	212	4181759	30.770	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.251	264	4672559	38.504	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	15539m	1.206	ng/uL	
5) Pyridine	3.481	79	162290	4.353	ng/ul#	71
6) Benzaldehyde	6.728	77	119862	4.217	ng/ul	89
8) Phenol	6.799	94	201528	4.321	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.017	93	168930	4.492	ng/ul	99
12) 2-Chlorophenol	7.152	128	153551	4.439	ng/ul	95
13) 2-Methylphenol	8.040	108	134296	3.827	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.128	45	214180	4.292	ng/ul	97
16) Acetophenone	8.405	105	241982	4.472	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.393	70	120198	4.066	ng/ul	94
18) 4-Methylphenol	8.369	108	158630	4.213	ng/ul	97
19) Hexachloroethane	8.658	117	60880	4.243	ng/ul	84
22) Nitrobenzene	8.775	77	186832	4.607	ng/ul	94
23) Isophorone	9.299	82	317650	3.900	ng/ul	98
25) 2-Nitrophenol	9.487	139	84526	4.627	ng/ul	94
26) 2,4-Dimethylphenol	9.563	107	174624	4.310	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.793	93	220273	4.347	ng/ul	99
29) 2,4-Dichlorophenol	10.022	162	135789	4.497	ng/ul	94
30) Naphthalene	10.416	128	517406	4.588	ng/ul	99
32) 4-Chloroaniline	10.528	127	206293	4.409	ng/ul	98
33) Hexachlorobutadiene	10.710	225	72953	4.430	ng/ul	97
34) Caprolactam	11.293	113	50831m	4.282	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	141783	3.752	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.040	142	347193	4.614	ng/ul	99
37) 1-Methylnaphthalene	12.257	142	344816	4.404	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	150458	4.643	ng/ul#	95
40) Hexachlorocyclopentadiene	12.399	237	81327	4.370	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	87321	3.973	ng/ul	88
42) 2,4,5-Trichlorophenol	12.734	196	85760	3.681	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	449231	4.566	ng/ul	100
44) 2-Chloronaphthalene	13.099	162	340041	4.625	ng/ul#	92
45) 2-Nitroaniline	13.310	65	76838	3.339	ng/ul	97
47) Dimethylphthalate	13.699	163	429238	4.609	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	61082	3.461	ng/ul	97
50) Acenaphthylene	13.951	152	530157	4.337	ng/ul	98
51) 3-Nitroaniline	14.140	138	65545	3.303	ng/ul	95
52) Acenaphthene	14.293	153	366776	4.553	ng/ul	96
53) 2,4-Dinitrophenol	14.351	184	32824	3.302	ng/ul#	82
55) 4-Nitrophenol	14.463	109	62335m	4.167	ng/ul	
56) Dibenzofuran	14.634	168	522432	4.677	ng/ul	93
57) 2,4-Dinitrotoluene	14.604	165	104743	4.125	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.869	232	81393	4.334	ng/ul#	77
59) Diethylphthalate	15.069	149	424275	4.413	ng/ul	94
61) Fluorene	15.281	166	413490	4.806	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.287	204	184727	4.802	ng/ul#	90
63) 4-Nitroaniline	15.304	138	70784m	3.999	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.369	198	63015	4.416	ng/ul#	74
67) N-Nitrosodiphenylamine	15.498	169	356412	4.648	ng/ul	97
68) 4-Bromophenyl-phenylether	16.175	248	105336	4.391	ng/ul#	83
69) Hexachlorobenzene	16.293	284	127855	4.446	ng/ul#	90
70) Atrazine	16.451	200	98789	3.929	ng/ul	94
71) Pentachlorophenol	16.640	266	76167	4.640	ng/ul	95
72) Phenanthrene	17.016	178	651409	4.634	ng/ul	99
74) Anthracene	17.104	178	648616	4.648	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	144202	4.082	ng/uL	89
76) Pentachlorobenzene	14.557	250	146214	4.427	ng/uL	98
77) Carbazole	17.381	167	560072	4.560	ng/ul	99
78) Di-n-butylphthalate	17.963	149	622049	4.120	ng/ul	99
80) Fluoranthene	19.039	202	700014	4.250	ng/ul#	89
82) Pyrene	19.404	202	768740	4.580	ng/ul#	89
83) Butylbenzylphthalate	20.322	149	240957	3.463	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.098	252	187201	4.099	ng/ul#	93
85) Benzo(a)anthracene	21.157	228	685608	4.421	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.110	149	400039	3.780	ng/ul#	97
87) Chrysene	21.210	228	694762	4.549	ng/ul	97
89) Di-n-octyl phthalate	21.980	149	636866	3.645	ng/ul	100
90) Benzo(b)fluoranthene	22.722	252	687168	4.396	ng/ul#	94
91) Benzo(k)fluoranthene	22.769	252	711643	4.909	ng/ul#	96
93) Benzo(a)pyrene	23.292	252	667559	4.478	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.639	276	731878	4.439	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.651	278	621793	4.473	ng/ul#	93
96) Benzo(g,h,i)perylene	26.321	276	588402	4.260	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT4-2021-07

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/12/2022
Supervised By :mohammad ahmed 01/18/2022

